



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

**TECHNICAL REVIEW BRANCH
SIMILARITY CLINIC DETERMINATION**

01/AUG/2008

MEMORANDUM

Subject: Name of Pesticide Product: WG 63 Turf and Ornamental Herbicide
EPA File Symbol: 432-RUTL
DP Barcode: D339762
Decision No.: 378453
Action Code: R01.0
PC Code: 015804 Thiencarbazone-methyl

From: Rick J. Whiting, Biologist
Technical Review Branch (TRB) *R. Whiting*
Registration Division (7505P) *M. Hashim*

To: Hope Johnson, RM Team 25
Herbicide Branch
Registration Division (7505P)

Applicant: Bayer Environmental Science, A Business Group of Bayer CropScience
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 27709

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt</u>
015804 Thiencarbazone-methyl (CAS No. 317815-83-1]	21.0
<u>Inert Ingredient(s):</u>	79.0
Total:	100.0%

ACTION REQUESTED: The Risk Manager requests: "Bayer CropScience has submitted a new herbicide AI: Thiencarbazone-methyl. This new AI is a Tri-Lateral Review with PMRA and the UK. EPA is the lead for the acute toxicology of this end-use product. However, this is an end-use product (432-RUTL) that contains the new AI plus the safener, and is the exact same formulation as 264-RNAU (WG 63 Herbicide). The acute toxicity studies submitted under 264-RNAU are cited for this product. The CSF's are identical. Reviewer will need Circa access for review exchange with UK and PMRA, and must use OECD Tier II template for review. Please refer to DP#339758 (Reg. 264-RNAU) for the studies associated with this product."

BACKGROUND: Bayer Environmental Science, A Business Group of Bayer CropScience has submitted a data matrix, a Basic Formulation CSF (dated January 22, 2007) and a proposed label to support the registration of WG 63 Turf and Ornamental Herbicide, EPA File Symbol 432-RUTL. The registrant is claiming similarity to WG 63 Herbicide, EPA File Symbol 264-RNAU.

COMMENTS AND RECOMMENDATIONS:

1. After comparing the Basic Formulation CSFs and proposed labels of 432-RUTL and 264-RNAU (CSF dated January 22, 2007), TRB believes the two products to be substantially similar.
2. The cited six acute toxicity studies were reviewed by TRB and classified as Acceptable (D339758; Whiting; 16/JUL/2008).
3. The acute toxicity profile for WG 63 Turf and Ornamental Herbicide, EPA File Symbol 432-RUTL, is as follows:

Acute oral toxicity	III	Cited	MRID 47070302
Acute dermal toxicity	III	Cited	MRID 47070303
Acute inhalation toxicity	IV	Cited	MRID 47070304
Primary eye irritation	II	Cited	MRID 47070306
Primary skin irritation	IV	Cited	MRID 47070307
Dermal sensitization	Negative	Cited	MRID 47070305

3. Based on the toxicity profile above, the following are the precautionary and first aid statements for this product as obtained from the Label Review System:

PRODUCT ID #: 000432-01475

PRODUCT NAME: WG 63 Turf and Ornamental Herbicide

PRECAUTIONARY STATEMENTS

SIGNAL WORD: WARNING

SPANISH SIGNAL WORD: AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Hazards to Humans and Domestic Animals:

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves (such as Natural Rubber, Selection Category A).

First Aid:

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

4. The Basic Formulation CSF (dated January 22, 2007) for the proposed product should also be reviewed and accepted by the TRB Chemistry Team.